



 PRODUCT-DETAILS

ECP84408T-4

Severe Duty Motor 250 Hp 460 V (ECP84408T-4)



General Information

Global Commercial Alias	ECP84408T-4
Product ID	7BEC84408T-4
ABB Type Designation	250HP,1785RPM,3PH,60HZ,449T,TEFC
Catalog Description	Severe Duty Motor 250 Hp 460 V (ECP84408T-4)

Additional Information

ABB Type Designation	250HP,1785RPM,3PH,60HZ,449T,TEFC
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6318 Ball
Bearing NDE	6318 Ball
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	ECP84408T-4
Certification Agency	CCSA US

	UR
Country of Origin	United States (US)
Customs Tariff Number	85015381
Design	B
Dimension Diagram	617434-665
Direction of Rotation	CCW Counter clockwise
Drive End Flange Type	Standard
Duty Time	60 Min
ETIM 7	EC001851 - Electric motor
Efficiency Level	Premium Efficiency (NEMA 12-12)
Electrical Data	

Current	Freq	Power	Speed	Voltage
276 A	60 Hz	250 Hp	1785 r/min	460 V

Enclosure Type	TEFC
Explosion Proof Group Class	Class I, Group A, B, C & D
Frame Material	Iron
Frame Size	449
Frequency (f)	60 Hz
Global Commercial Alias	ECP84408T-4
Gross Volume	76567.5 in ³
Gross Weight	1334.015 kg
Horsepower Rating UL/CSA	250.000 Hp
IC Class	TEFC
IDEA Granular Category Code (IGCC)	1325 >> General purpose motor AC
IE Class Data (50 Hz)	IE Class NA
IE Class Data (60 Hz)	IE Class NA
IM Class	NEMA Foot
IP Class	IP56
Insulation Class	F
Invoice Description	250HP,1785RPM,3PH,60HZ,449T,TEFC
Lubrication	Regreasable
Made To Order	No
Medium Description	IEEE 841 Severe Duty, 250 HP, 1800 RPM, Frame Size 449T, Standard Mounting, 3 Phase, TEFC Enclosure, 460 V, 60 Hz (ECP84408T-4)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	449T
Motor Frame Suffix	T
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	B
Number of Phases	3
Number of Poles	4
Number of Poles (High)	4
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	250 Hp
Power Factor	88 %
Product Name	IEEE 841 Severe Duty
Product Net Depth / Length	61.5 in

Product Net Height	30 in
Product Net Weight	1334.015 kg
Product Net Width	41.5 in
Product Type	NEMA_IEEE841
Quote Only	No
Rated Current (I _n)	276 A
Rated Efficiency	96.20 %
Rated Speed	1785 r/min
Selling Unit of Measure	piece
Service Factor	1.15
Service Factor Percentage	1.15 %
Shaft Diameter	3.38 in
Short Description	250 HP, 1800 RPM, Frame Size 449T, Standard, 3 PH, TEFC, 460 V
Standards	None
Starting of Motor	Direct On Line
Stocked At (Warehouses)	Menden, Germany China Alabama, United States Alaska, United States
	1800 r/min
Temperature Class	T3
Temperature Class Default	--
Two Speed Motor	No
Type of Duty	Continuous
UNSPSC	26101112
Voltage Code	G
Voltage Rating	460 V

Categories

Motors and Generators → NEMA Low Voltage AC Motors → Marine Duty → IEEE 841 Motors

Motors and Generators → NEMA Low Voltage AC Motors → Severe Duty Motors → IEEE 841 Motors

